

Amendment and Response

Applicant: Mark M. Josephsen et al.

Serial No.: 10/700,075

Filed: November 3, 2003

Docket No.: 100202485-1

Title: PRINTER SECURITY KEY MANAGEMENT

IN THE CLAIMS

Please cancel claims 19 and 20 without prejudice.

Please amend claims 1-10, 12-14, 16, 18, and 21 as follows:

1. (Currently Amended) A printer, comprising:
a security module within ~~[[a]]~~ the printer that is operable to:
 - receive a message from an attached computer requesting a secure printing key;
 - generate a key in response to the received message; and
 - send the key to the attached computer requesting the key.
2. (Currently Amended) The ~~security module-printer~~ of claim 1, wherein the generated key comprises a symmetric encryption key.
3. (Currently Amended) The ~~security module-printer of claim 2~~ claim 1, wherein ~~[[the]]~~ sending the key to the attached computer requesting the key comprises sending the key to the attached computer over a secured connection.
4. (Currently Amended) The ~~security module-printer of claim 1~~ claim 2, wherein the symmetric encryption key is a DES key.
5. (Currently Amended) The ~~security module-printer~~ of claim 1, wherein generating ~~[[a]]~~ the key comprises generating a public key and a private key, and wherein sending the key to the attached computer requesting the key comprises sending the public key to the attached computer requesting the key.
6. (Currently Amended) The ~~security module-printer~~ of claim 5, wherein the public key is sent to the attached computer over a secured connection.

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7. (Currently Amended) The ~~security module~~printer of claim 1, wherein the security module receives the message from ~~[[an]]~~ the attached computer via a web server hosted within the printer.
8. (Currently Amended) The ~~security module~~printer of claim 1, wherein the security module executes within a Java virtual machine within the printer.
9. (Currently Amended) The ~~security module~~printer of claim 1, wherein the attachment between the printer and the attached ~~printer computer~~ is a network attachment.
10. (Currently Amended) A machine-readable medium with instructions stored thereon, the instructions when executed operable to cause a ~~computerized~~ printer to:
 - receive a message from an attached computer requesting a secure printing key;
 - generate a key in response to the received message; and
 - send the key to the attached computer requesting the key.
11. (Original) The machine-readable medium of claim 10, wherein the generated key comprises a symmetric encryption key.
12. (Currently Amended) The machine-readable medium of ~~claim 11~~ claim 10, wherein ~~[[the]]~~ sending the key to the attached computer requesting the key comprises sending the key to the attached computer over a secured connection.
13. (Currently Amended) The machine-readable medium of ~~claim 10~~ claim 11, wherein the symmetric encryption key is a DES key.
14. (Currently Amended) The machine-readable medium of claim 10, wherein generating ~~[[a]]~~ the key comprises generating a public key and a private key, and wherein sending the key to the attached computer requesting the key comprises sending the public key to the attached computer requesting the key.

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15. (Original) The machine-readable medium of claim 14, wherein the public key is sent to the attached computer over a secured connection.

16. (Currently Amended) The machine-readable medium of claim 10, wherein the security module receives the message from ~~[[an]]~~ the attached computer via a web server hosted within the printer.

17. (Original) The machine-readable medium of claim 10, wherein the security module executes within a Java virtual machine within the printer.

18. (Currently Amended) The machine-readable medium of claim 10, wherein the attachment between the printer and the attached ~~printer-computer~~ is a network attachment.

19. (Cancelled)

20. (Cancelled)

21. (Currently Amended) A method of managing a printer in a computerized system external to the printer, comprising:

~~receive~~ receiving a message from an attached computer requesting a secure printing key;

~~generate~~ generating a key in response to the received message; and

~~send~~ sending the key to the attached computer requesting the key.